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IMPORTANT!

backup your files. please ensure that you retain the original files that you have downloaded to your psa. Philips and Nike are not responsible for any loss of content in the case if the product becomes damaged or files are not readable/ legible.

PHILIPS reserves the right to make design and specification changes for product improvement without prior notice.

CAUTION

use this device according to the instructions that follow failure to do so could be hazardous to your health.

users of pacemakers or other implanted devices should consult their physician before using magnets or devices that may generate electro-magnetic interference.

environmental information

we have reduced the packaging to its minimum and made it easy to separate into mono materials: cardboard, PS, PE.

your set consists of material which can be recycled if disassembled by a specialized company. please observe the local regulations to dispose of packaging, exhausted batteries and old equipment.

copyright information

all other brand and product names are trademarks of their respective companies or organizations. unauthorized duplication of any recordings downloaded from the internet or made from audio CDs is a violation of copyright laws and international treaties.

6 controls and connections, accessories

- ① **▶||**
switches the set on /off;
starts / pauses playback
- ② **◀◀ / ▶▶**
skips to the beginning of a previous /
next track
- ③ **- / +**
adjusts the volume
- ④ **display**
with backlight. lights up briefly
orange when you press any button on
the psa
- ⑤ **eq**
enhance your listening experience.
select from 4 equalizer settings:
Hiphop, Funk, Rock, Techno or create
your own adjustable **Custom** setting.
- ⑥ 
3.5 mm line out to connect
- ⑦  locks buttons to prevent them
from being activated

- ⑧ **battery compartment**
uses 1 x AAA alkaline or Ni-MH
battery
- ⑨ **usb**
(found in the battery compartment)
connect the supplied usb cable from
here to the usb port of your computer

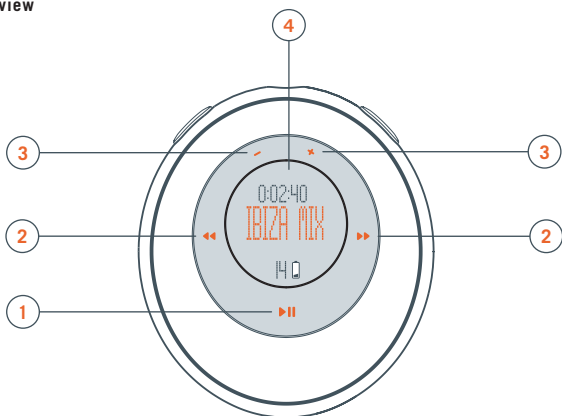
supplied accessories

make sure these items are in the
package. if any item is missing,
please contact your dealer.

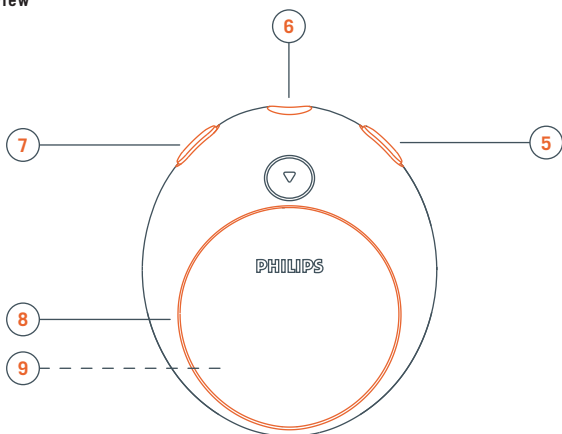
- one usb cable, AY3481
- one psa software & user guide cd-rom
- one set of headphones, HJ050 or
HJ771
- one set of clip magnets
- one armband, AY3285
- one waistband, AY3297
- one AAA alkaline or AY3363 NiMH
battery
- one AAA battery charger, AY4100
- one headphone extension AY4205

the model & serial numbers are located inside the battery compartment.

front view



rear view



8 minimum computer system requirements

Windows system requirements

you need to have a usb port. computers that were upgraded from Win 95 may not have usb compatibility! check out the other requirements:

- Pentium® MMX 166MHz processor or better
- usb port with Windows 98SE/ Windows 98 Gold / Me / 2000 with SP3 / XP
- 96MB ram
- 50MB ram drive space
- cd rom drive
- video display card
- sound card
- Microsoft Internet Explorer 5.0 or better, Netscape 4.0 or better, and internet access

Mac system requirements

- G3 or higher
- Mac OS 9 - X

psa128max or psa256max is a solid state, portable mp3 player:

- plays mp3 & windows media audio files e.g. digitized and compressed cd tracks, tape tracks, audio books, newspapers, sound effects, etc., that are encoded into mp3 & windows media audio format.
- software upgradeable and will support future playback formats and software extensions that will be made available on **www.nike-philips.com**.

take care when using headphones

hearing safety: listen at a moderate volume. using headphones at high volume can impair your hearing.

traffic safety: do not use headphones while driving or cycling as you may cause an accident.

general maintenance

to avoid damage or malfunction:

- do not expose to excessive heat caused by heating equipment or direct sunlight.
- do not drop the psa or allow objects to fall on the psa.
- do not allow the psa to be submersed in water. do not expose earphone socket or battery compartment to water as water entering the set may cause major damage.
- do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- active mobile phones in the vicinity may cause interference.

10 software installation for PC and Mac users

about your software installation cd rom

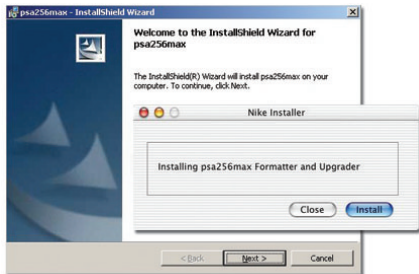
the following software installation is included on your by-packed cd rom:

- bonus audio management software to transfer files
- **Upgrader and Formatter** applications (please see respective chapters)
- USB drivers (for Windows 98 users only)

to get the most from your psa player, **please read the product manual carefully before** you use your psa.

software installation

- 1 turn on your computer.
- 2 insert the psa cd rom into your cd rom drive.
- 3 follow the screen instructions to install the **Upgrader** and **Formatter** applications and necessary drivers*



*for PC users only:
psa128max or
psa256max
InstallShield Wizard*

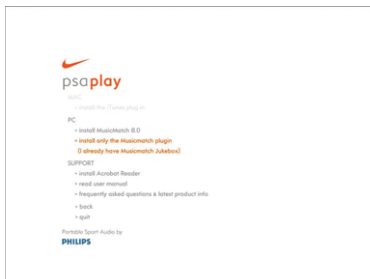
*for Mac users only:
Nike Installer*

***IMPORTANT!** for Windows 98 users only

in addition to the 2 software applications **Mass Storage Device** drivers are necessary. without the drivers, your PC will be unable to recognize your psa and transfer files. normally, the drivers are automatically installed when you follow the above steps **1-3**, software installation.

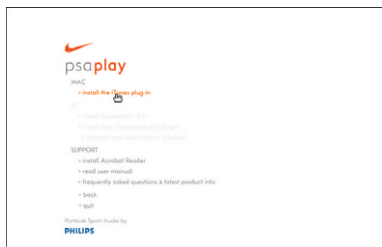
*in the event that the PC still does not install the drivers, the **Add New Hardware Wizard** screen appears. please see the **Windows 98 appendix** and follow the **Add New Hardware Wizard** screen instructions to help you install the drivers.*

- 4 an introduction screen appears. select the language that suits you best (**english, français, italiano, deutsch** or **español**).
- 5 select your product.
- 6 select to install the most suitable audio management software for you (**iTunes plug-in***, **MusicMatch 8.0**** or **MusicMatch plug-in****). alternatively, you can simply use your computer's file manager to drag -and-drop the files you wish to transfer between your psa and computer.



**** MusicMatch options for PC users only.**

plug-in for current MusicMatch users.



*** minimum requirement: iTunes plug-in for Mac users with iTunes version 2.0 or higher only.**

12 windows 98 appendix

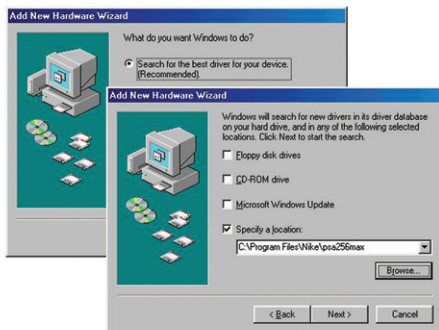
Windows 98 appendix

in the event that the PC still does not install the drivers, the **Add New Hardware Wizard** screen appears. note, screens may differ to those illustrated according to your actual Windows and model number.

- 1 click **Next >** and follow the screen instructions to search for the best driver.



- 2 select the option **Specify a location** and click on **Browse** to choose the path where you have installed the software. (the default software location is **c:\Program Files\Nike\psa128max** or **psa256max**.)



- 3 press **Next >** and follow the screen instructions to complete installation.

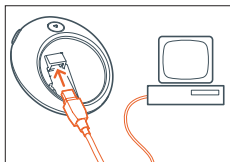


14 using your psa for mass storage

when you connect the player to your computer via the USB port, your computer will recognize your psa as a removable USB Mass Storage Device (MSD). The player is detected and automatically located as a folder named **Removable Disk/ Device** (e.g. D drive).

this means you can listen to your favorite music on the move and also use your psa to conveniently carry your work or data files such as Word documents, Powerpoint presentations, PDFs, etc.

once you have transferred the files to your computer, you can use normal file operations to e.g. copy, delete, rename your files.



IMPORTANT!

TO PREVENT FILE CORRUPTION OR LOSS OF DATA, PLEASE DO NOT REMOVE THE USB CABLE DURING USB OPERATION, FILE TRANSFER, FORMATTING OR WHEN UPGRADING IS IN PROGRESS.

ONLY UNPLUG YOUR PSA WHEN THE  DISPLAY HAS STOPPED SCROLLING COMPLETELY.

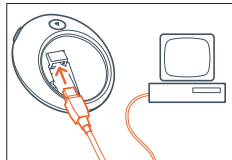
connecting psa to your computer 15

- 1 turn on your computer.
- 2 connect the supplied usb cable to your computer's usb port.

- 3 press ▼ (on the back of the psa) to open the battery compartment. connect the other end of the usb cable to **usb**, (found inside the battery compartment.)

psa display:  appears.

buttons on the psa are automatically locked during usb connection.



- 4 wait for a few seconds for your computer to detect your psa.
your psa appears as a removable drive on your computer.

note:

- no battery is required in your psa during USB connection, unless you are performing an upgrade for your psa.
-  appears automatically upon connection. there is no need to switch on your psa.

16 disconnecting psa from your computer

IMPORTANT!

TO PREVENT FILE CORRUPTION OR LOSS OF DATA, PLEASE DO NOT REMOVE THE USB CABLE DURING USB OPERATION, FILE TRANSFER, FORMATTING OR WHEN UPGRADING IS IN PROGRESS.

ONLY UNPLUG YOUR PSA WHEN THE  DISPLAY HAS STOPPED SCROLLING COMPLETELY.

backup your files. please ensure that you retain the original files that you have downloaded to your psa. Philips and Nike are not responsible for any loss of content in the case if the product becomes damaged or files are not readable / legible.

for Windows OS users:

- 1 click the **Eject Hardware** icon  in the Windows task bar and select **Stop USB Mass Storage Device...** from the pop-up menu. follow the screen instructions to unplug your psa. if you see a **Try stopping the device again later** message on your PC screen, try closing some applications which are running on your PC, and then click on.

for Windows 98SE users:

- 1 there is no **Eject Hardware** icon . simply unplug the USB cable from your psa. make sure that there are no applications running that might be accessing the device, including **Windows Explorer**.

for Mac users:

- 1 when you have finished viewing your files, drag your psa desktop icon to the  **Trash** icon.
- 2 disconnect the USB cable from psa and your computer.

about iTunes (for Mac users only)

please select and install the **iTunes plug-in**** from the supplied CD-ROM.

note:

**** plug-in** valid for users of **iTunes version 2.0** or higher only. please visit **www.apple.com** to download the latest iTunes, if required.

for more details about using iTunes, please visit **www.info.apple.com/usen/itunes/**

about MUSICMATCH® (for PC users)

experience the ultimate in music freedom as you take your music on the go. with MUSICMATCH Jukebox and your personal computer you can:

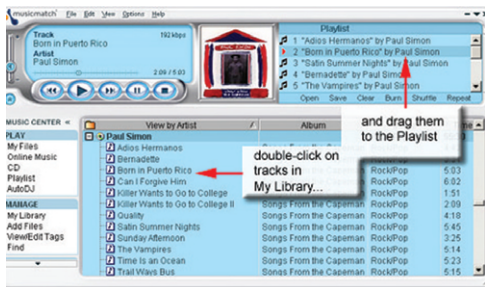
- seamlessly transfer digital music to your psa player (drag and drop)
- create & save music playlists
- rip/record music tracks to mp3 and windows media audio files
- burn custom CDs of your favorite music

note:

for easy music transfer, make sure you install MUSICMATCH Jukebox with the Nike plug-in from the supplied software CD-ROM to help you download music to your Nike psa. for more details about using MUSICMATCH, you can either:

- click on **Help** from the musicmatch top menu bar
- visit **www.musicmatch.com**

18 playlists



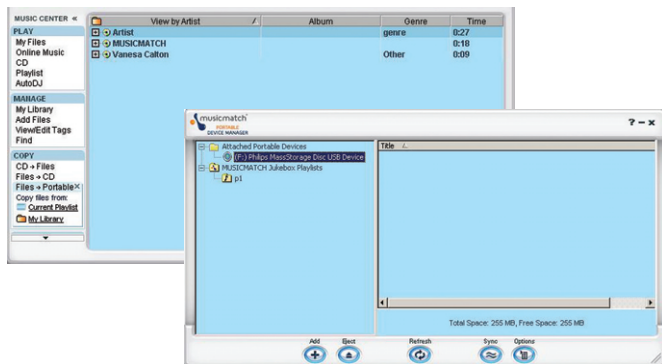
create & save playlists

- 1 open **My Library** by clicking **My Library** in the **MUSIC CENTER**.
- 2 double-click a track in **My Library** to add it to a **Playlist**, or drag and drop tracks, albums, or artists from **My Library** or **Windows Explorer** into the **Playlist** window.
- 3 once all desired tracks are added, you've created a playlist. click **Save** to save the playlist for future use.

***note:** if there is no music in your music library, please refer to **convert music CDs into mp3 files**.*

downloading music to your player from your computer 19

- 1 connect the psa to your computer (see **connecting the psa to your computer**).
- 2 click **Files** → **Portable** in the **MUSIC CENTER** to open the **PORTABLE DEVICE MANAGER** (PDM) window.



***note:** your psa will be displayed under the **Attached Portable Devices** folder. if it's not, point at the folder and right click on your mouse to select **Add Portable Device Plug-in**. locate the correct Nike plug-in and click the picture. the plug-in will install automatically. device names may differ to those illustrated, depending on your actual OS and psa model.*

- 3 highlight the psa in the **PDM**. tracks currently installed on the psa will be displayed to the right. (remove tracks from your psa by highlighting them in the **PDM** and then clicking the Remove button ).

20 downloading music to your player from your computer

- 4 you may now drag-and-drop tracks onto the **Philips USB**  icon. tracks dropped onto the **Philips USB**  icon will be downloaded to your psa.

drag and drop tracks from:

- **Saved Playlists** (also displayed in the **PDM**)
- **My Library**
- **Windows Explorer**

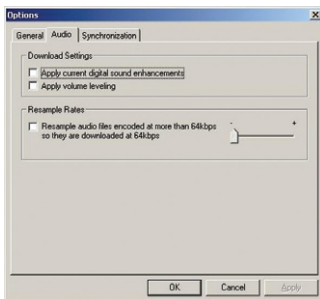
- 5 disconnect your psa by clicking the **Eject** button  on the **PDM**.

Resample Rate 21

fit more music onto your psa using **Resample Rate**. **Resample Rate** reduces the file size which lets you add more music to your psa.

- 1 highlight your psa in the **PDM**, and then click the **Options** button  .
- 2 click the **Audio** tab and under **Resample Rates**, select the check box.

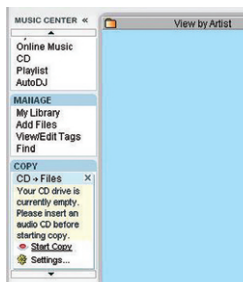
the slider will be set at 64kbps. this will resample tracks larger than 64kbps down to 64kbps. move the slider up to see other encoding bit-rate options. (128kbps is considered "CD quality").



- 3 click **OK**.
- 4 now add tracks to the **PDM**. tracks will be resampled to the desired bit rate as they download.

22 convert music cds into mp3

- 1 click **CD** → **Files** in the **MUSIC CENTER**.
- 2 insert an audio CD into your CD-ROM drive, and then close the drive. **CD Lookup** will read your CD and attempt to fill in album, artist, and track information (Tags).
- 3 check the boxes next to the tracks you wish to record, and then click the **START**  button on the **RECORDER**.



updating MUSICMATCH software* 23

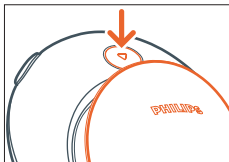
be sure you have the latest available version of MUSICMATCH Jukebox by updating your software.

- 1 click **Options → Update Software → Continue**.
- 2 the update will add files to your computer, then automatically restart MUSICMATCH Jukebox for you.

** requires an active internet connection.*

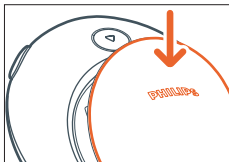
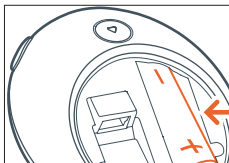
24 battery power

- 1 press ▼ to open the battery cover latch and insert one **AAA** battery preferably alkaline, or Ni-MH as indicated.
- 2 insert the lower edge of door as shown to close the battery cover latch.



IMPORTANT!

- remove the battery if: battery drained or the psa will not be used for more than two weeks.
- batteries contain chemical substances, so they should be disposed of properly.



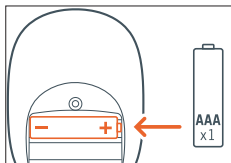
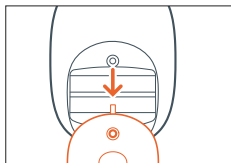
indication of empty battery

the number of blocks inside the battery icon indicates the battery power remaining. when the battery is low, the battery icon flashes. if no action is taken to renew the battery, the display shows **BATT LOW!** 5 seconds later the psa automatically switches off.



- 1 open the battery compartment. insert the batteries as indicated.
- 2 plug charger to wall outlet. the battery charger indicator lights up red when charging. a green light indicates charging has finished. maximum charging time: approx. 4 hours.

note: always disconnect the battery charger from the power outlet if you do not need to use it.
batteries cannot be charged onboard.



26 power on and off playback, pause ►►

power on, ►►

press and hold ►► for 2 seconds to turn on.

playback starts automatically from the exact point when last switched off. the display shows track details if available.

no File will be shown if no content has been stored in the psa. psa switches off automatically after 30 seconds.



note: -- is shown instead of a track number if you have more than 99 tracks.

power off, ►►

during playback, press and hold ►► for 3 seconds to turn off.

display message: **OFF** before turning off.

pause, ►►

during playback, press ►► to pause. press ►► again to resume playback.

display: during pause mode, the elapsed playtime flashes and track details freeze.



power-saving standby mode

the psa automatically switches off when playback is paused longer than 30 seconds and no buttons are pressed.

volume

press - / + to decrease / increase the volume.

the volume bar appears briefly during volume adjustment and when you switch on.

note: volume is automatically re-adjusted to a default optimum level whenever the player is switched off and on again.



eq sound options - bring out the bass or top up on treble!

press **eq** again and again to select your equalizer option for high bass, flat, all high notes, etc.

display: **Hiphop, Funk, Rock, Techno, Off** or **Custom**

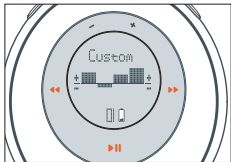


create your own sound: Custom

if you have selected **Custom**, the next display shows 4 eq frequency bars.

- 1 use ◀▶ to select the frequency bar you want to adjust.
- 2 use - /+ to adjust the frequency level.
- 3 press **eq** again to confirm your desired setting.

display: returns to showing track details



selecting a different track ◀◀, ▶▶

press ◀◀ / ▶▶ to select the desired track.

fast searching within a track

during playback, press and hold ◀◀ / ▶▶ briefly.

psa plays track at high speed until the button is released.

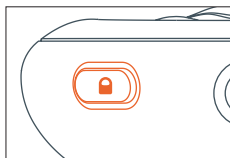


using the button lock 🔒

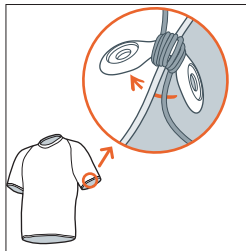
🔒 deactivates the other buttons so they are not activated accidentally.

to activate / deactivate the button lock, press and hold 🔒 2 seconds.

display: 🔒 appears if button lock active.



secure your headphone cord with the "butterfly" magnet clip.



WARNING:

KEEP OUT OF REACH OF SMALL CHILDREN TO AVOID CHOKING HAZARD.

KEEP THE MAGNETS AWAY FROM CREDIT CARDS, TAPES AND ANY ITEMS WHICH MAYBE SENSITIVE TO THE MAGNETS.

30 armband, headphone, waistband

wear your mp3 player during sport activity by securing it to the supplied armband.

- 1 fit the psa into the rubber buckle, with the headphone jack aligned to the jack hole.
- 2 position the armband around your arm. thread the strap and fasten up for a snug fit.

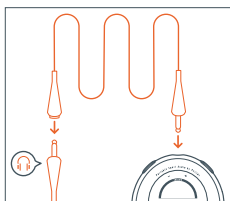
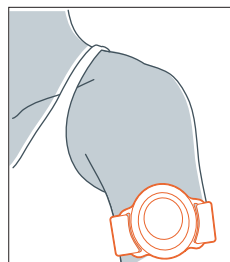
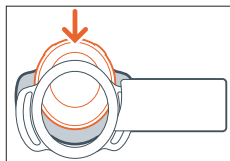
note: keep your set clean and dry.

always remove the set from the armband when not using, wipe your set and the rubber armband with a soft, damp cloth to clean off sweat and excess moisture.

- 3 connect the headphone extension and headphones as shown.

waistband

you can also use the supplied strap extension to secure the player to your waist.



you can visit www.nike-philips.com to check out and download the latest firmware, if available. use the **Upgrader** application to upgrade your psa with new firmware.

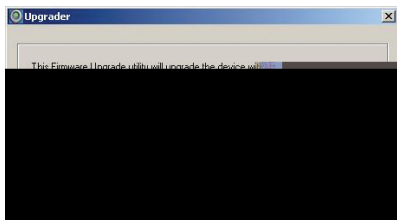
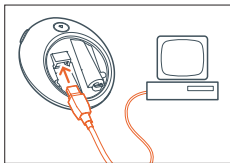
note: if you are upgrading with the firmware from www.nike-philips.com, make sure you download the file for your specific model. also, save and retrieve the firmware file from the same path.

IMPORTANT!

backup your files. please ensure that you retain the original files that you have downloaded to your psa. Philips and Nike are not responsible for any loss of content in the case if the product becomes damaged or files are not readable/legible.

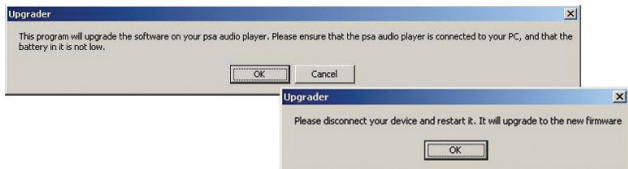
Upgrader for Windows users

- 1 for best results, please make sure you insert a fresh battery into your psa before you start connecting.
- 2 connect the supplied usb cable to your computer's usb port and your psa.
- 3 from the task tray **Start** menu, click on **Programs** → **Nike** → **psa128max** or **psa256max** → **Upgrader**. a window appears:



32 upgrading firmware

- if you have downloaded the firmware file, click  first to browse and select your download .ebn file. click **Start** to proceed.
- in the next dialogue boxes, click **OK**.



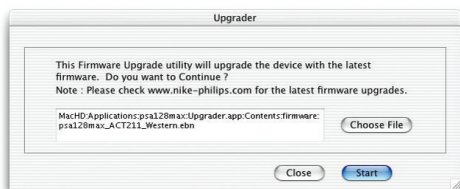
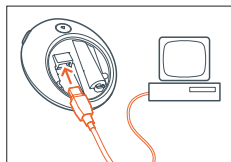
- click the hardware icon  on your task tray, if available, to stop and eject your psa.
- press **▶||** briefly on your psa so that the device can upgrade itself.
the psa display shows briefly: **FUpgrade**.

note:

- **"...file not found. Firmware upgrade failed"** if this dialogue box appears on your PC screen, this could be due to a loose/ interrupted USB connection, or insufficient battery power. check your USB connection. repeat upgrade operation and make sure you load a fresh battery. only unplug your psa when the  display has stopped scrolling completely. also, if you are downloading the upgrade file, make sure you download only the upgrade file for your specific model, and that you save and retrieve the file from the same path.
- **Battery too low. Upgrade Refused** if you also see this message scrolling on your psa after **FUpgrade**, this means you need to repeat the upgrade due to insufficient battery power. always use a fresh battery to perform the upgrade.
- device names may differ to those illustrated, depending on your actual OS and psa model.

Upgrader for Mac users

- 1 for best results, please make sure you insert a fresh battery into your psa before you start connecting.
- 2 connect the supplied usb cable to your computer's usb port and your psa.
- 3 in the **Applications/ psa128max** or **psa256max** folder, click on **Upgrader**. a window appears:



- 4 if you have downloaded the firmware file, click **Choose File** first to find your **.ebn** file. click **Start** to proceed.
- 5 in the next dialogue boxes, click **OK**.



34 upgrading firmware

6 disconnect your psa to enable the device to upgrade itself. (you can drag and drop your psa desktop icon to the **Trash**  icon to disconnect.)

7 press ►|| briefly on your psa so that the device can upgrade itself.

the psa display shows briefly: **Fupgrade**

note:

- **Battery too low. Upgrade Rejected** if you also see this message scrolling on your psa after **FUpgrade**, this means you need to repeat the upgrade due to insufficient battery power. always use a fresh battery to perform the upgrade.
- device names may differ to those illustrated, depending on your actual OS and psa model.

use the **Formatter** application to erase all data on your psa, should you have problems with playback.

IMPORTANT!

***backup your files.** please ensure that you retain the original files that you have downloaded to your psa. Philips and Nike are not responsible for any loss of content in the case if the product becomes damaged or files are not readable / legible.*

Formatter for Windows users

- 1 connect the supplied usb cable to your computer's usb port and your psa.
- 2 from the task tray **Start** menu, click on **Programs → Nike → psa128max** or **psa256max → Formatter**. a window appears:



36 formatting your psa

- 3 click on the **Device** drop-down cursor. the name of your psa connected to the computer appears. the other fields are automatically enumerated for your device. (the application will only enumerate devices that are properly mapped to the file system with a drive letter by Windows.)



note:

- full memory capacity may not be available as some memory will be reserved for the audio player.
- device names may differ to those illustrated, depending on your actual OS and psa model.

- 4 click **Start**.

the **Formatter** dialogue box appears, asking if you are sure you want to proceed:



- 5 click **OK** if you wish to proceed with the format application.

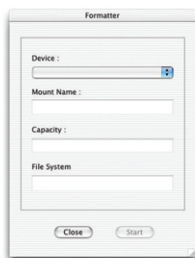
when formatting is completed, the **Formatting done** dialogue box appears.



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Formatter for Mac users

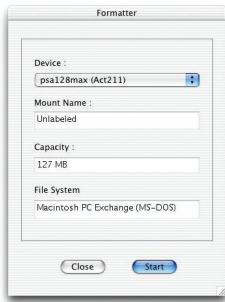
- 1 connect the supplied usb cable to your computer's usb port and your psa.
- 2 in the **Applications/ psa128max** or **psa256max** folder, click on **Formatter**. a window appears:



- 3 click on the **Device** drop-down cursor. the name of your psa connected to the computer appears. the other fields are automatically enumerated for your device. (the application will only enumerate devices that are properly mapped to the file system).

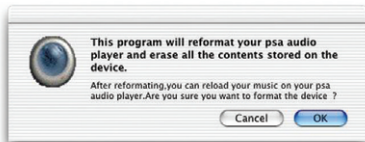
note:

- full memory capacity may not be available as some memory will be reserved for the audio player.
- device names may differ to those illustrated, depending on your actual OS and psa model.



4 click **Start**.

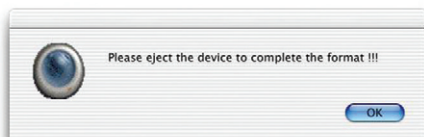
the **Formatter** dialogue box appears, asking if you are sure you want to proceed:



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- 5 click **OK** if you wish to proceed with the format application.

when formatting is completed, the **Please eject the device to complete the format !!!** dialogue box appears.



helpful tips

if a fault occurs, first check the points listed below before taking the set for repair.

if you are unable to remedy a problem by following these hints, consult your dealer or service center.

warning : *do not open the set as there is a risk of electric shock! under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.*

problem	solution
no sound	– battery weak / incorrectly inserted. correctly insert fresh battery. – psa buttons pressed too quickly. slow down. press firmly. indicator lights up. – headphones not properly connected. insert headphone plug into jack completely.
sound skips during playback on the psa	– mp3 file made at compression level exceeding 320kbps. – use a lower compression level to record your file into mp3 format – electrical interference from other appliances, e.g. mobile phones, fluorescent, lamps, electric pylons. - move away from source of electrical interference.
track detail displayed briefly and then “skipped” from psa	– mp3 track encoded from software other than the supplied musicmatch. use musicmatch to save the mp3 file and download the song again: 1. open musicmatch. 2. in the My Library window, click Add Files. The Add Tracks to Music Center dialogue box appears. 3. browse for and locate the “skipped” song, and then click Add . Click Exit. 4. in the My Library window, right click on the song file. select Edit Track Tag(s) → OK to save the song as a musicmatch mp3 file. 5. drag and drop the song file from My Library to the Playlist window. 6. download the edited track to the psa (see downloading music to your player from your computer)

42 helpful tips

problem

solution

**usb does not
connect/function**

- you are using an unsuitable usb cable.
use the supplied usb cable only.
- cable connections incorrect / loose.
check that all connections are correct and well
inserted on the psa player and your computer.
- usb driver not installed.
check that you have installed the usb driver
plug-in provided from the psa installation cd rom.
- wrong Windows / MacOS version.
your computer must be equipped with
Windows 98/ SE/ Me/ Windows 98 Gold/ 2000 with
SP3 / XP or MacOS 9-X.
- usb not enabled.
check the BIOS set-up: usb has to be enabled.

unable to upgrade firmware

- you selected/ downloaded the wrong upgrade
file. select / download only the upgrade file for
your specific model.
- cable connections incorrect / loose.
check that all connections are correct and well
inserted on the psa player and your computer.

**"Battery too low. Upgrade
Refused" appears on my psa**

- if you also see this message scrolling on your ps
after **FUpgrade**, this means you need to repeat
the upgrade due to insufficient battery power.
always use a fresh battery to perform the
upgrade.

incomplete track download

- usb connection broken during downloading.
check the usb connection, delete the file on the
psa via musicmatch and download track again.

no reaction to controls

-  activated

/ malfunction

- deactivate .
- electrostatic discharge.
remove battery and replace after several seconds.

amplifier system

audio out.	2 x 5mW
S/N ratio.	>80dB
frequency response	20Hz - 16KHz

memory capacity

built-in	128 or 256MB*
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**full memory capacity may not be available as some memory will be reserved for the audio player.*

supported format

MP3.	8kbps-320kbps
windows media audio.	5kbps-192kbps

firmware

user upgradeable.	yes
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connections

I/O Interface	5 pin mini usb connector
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equalizer

adjustable, with 4 presets	Hiphop, Funk, Rock, Techno and Custom
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display

LCD	text graphics, icons
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backlight

color.	orange
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44 technical data

power supply

battery 1 x AAA / UM4 / LR03 alkaline / Ni-MH rechargeable

battery playtime

10 hours using AAA alkaline

6 hours using Ni-MH rechargeable

general

dimensions. 60 mm (w) x 68 mm (h) x 27 mm (d)

weight 50 g (without battery)

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